SYSTEM FOR ASSOCIATIVE PROCESSING

5

Abstract of the Disclosure

10

A system (270) for associative processing has an icon generator (272) (transform generator; polynomial code generator). An associative memory controller (276) is connected to the icon generator (272). An associative processing unit (280) is connected to the associative memory controller (276). A memory (278) is connected to the associative memory controller (276). This system (270) can be configured to perform the sliding search routine

15   described in figures 1-6, or as a CAM (content address memory) or as an extensible markup language database system or as virus scanner or a packet accounting system or a variety of other functions.